

ABSTRACT OF THE DISCLOSURE

A uniaxial drive unit is provided with a tilttable pulse generating device having a joystick, which generates a continuous pulse of a frequency corresponding to the tilt angle of the joystick, and a rotary encoder having a knob, which generates a pulse of a frequency corresponding to the turning speed of the knob and generates pulses of the number corresponding to the turning angle of the knob to drive a linear motor. 5 High-speed and medium-speed operations are carried out by using the tilttable pulse generating device, and low-speed fine feed is carried out by using the rotary encoder.